

Title (en)

STANDARDIZED ORAL HEALTH ASSESSMENT AND SCORING USING DIGITAL IMAGING

Title (de)

STANDARDISIERTE BEURTEILUNG UND BEWERTUNG DER MUNDGESUNDHEIT MITTELS DIGITALER BILDGEBUNG

Title (fr)

ÉVALUATION ET NOTATION NORMALISÉES DE SANTÉ BUCCALE À L'AIDE D'UNE IMAGERIE NUMÉRIQUE

Publication

EP 3549061 A1 20191009 (EN)

Application

EP 17876074 A 20170308

Priority

- US 201615366741 A 20161201
- US 201715450925 A 20170306
- US 2017021367 W 20170308

Abstract (en)

[origin: WO2018101977A1] System and methodology objectively capture clinical data on oral health and provide standardized scoring for quantifying oral health. The process of capturing clinical data is based on use of an intraoral camera with imaging software that has the capacity to capture digital images of all tooth surfaces. Digital plaque data are collected in a standardized manner 10 per tooth, and with the ability to select optimal frames for analysis. Data are extracted per tooth into a software program. Color classification of each pixel is determined by the software program using an algorithm that makes use of red/green/blue color code combinations. These classifications are then quantitatively used within the software program and separate algorithms that automatically generate a range of oral health scoring techniques.

IPC 8 full level

G06V 10/50 (2022.01); **G06V 10/56** (2022.01)

CPC (source: EP US)

A61B 1/00009 (2013.01 - EP US); **A61B 1/0005** (2013.01 - EP); **A61B 1/24** (2013.01 - EP); **G06T 7/0012** (2013.01 - EP); **G06T 7/90** (2016.12 - EP); **G06V 10/17** (2022.01 - EP US); **G06V 10/255** (2022.01 - EP US); **G06V 10/50** (2022.01 - EP US); **G06V 10/56** (2022.01 - EP US); **G06V 20/20** (2022.01 - EP US); **G06T 2207/10024** (2013.01 - EP); **G06T 2207/30036** (2013.01 - EP); **G06V 2201/03** (2022.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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